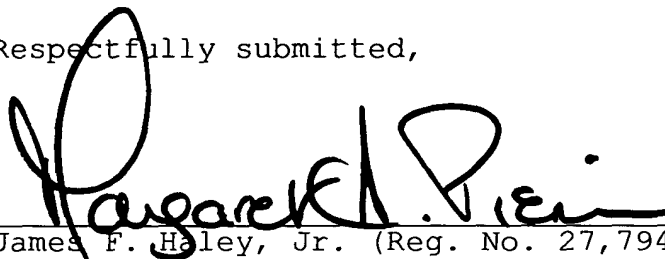


Applicants believe that Table 4, pages 16 to 18, which designates single, conservative amino acid replacements, does not require a Sequence Listing or Sequence Listing identifiers. Applicants have also amended page 13 of the specification to reflect the new address of the American Type Culture Collection. Finally, applicants have amended claim 1, added claims 102 to 144 and canceled claims 2 to 101, without prejudice. Support for claims 1, 102, 103, 104 and 105 is found on page 29, lines 29 to 37 and page 30, lines 1 to 37 of the specification. Support for claim 106 is found on page 25, lines 27-30. Claim 107 is supported on page 52, lines 31 to 34 and claims 108, 109, 110, 111, 112, 113 and 114 are supported on page 13, lines 8 to 22. Support for claims 115, 116 and 117 is provided on page 21, lines 14 to 37 and page 22, lines 1 to 9. Claims 118 and 119 are supported on page 31, lines 5 to 10. Support for claims 120 to 138 is found on page 26, lines 25 to 37 and page 27, lines 1 to 24. Claims 139 to 144 are supported on page 27, lines 26 to 34. None of these amendments constitutes new matter. Applicants expressly reserve the right to pursue the subject matter of the canceled claims in one or more applications claiming priority herefrom under 35 U.S.C. § 120.

Applicants request favorable action in this  
application.

Respectfully submitted,

A large, stylized handwritten signature in black ink, which appears to read "Margaret A. Pierri". The signature is written over the printed name of the signatory.

James F. Haley, Jr. (Reg. No. 27,794)

Margaret A. Pierri (Reg. No. 30,709)

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